

REMARKS

The above amendment corrects the filing date of the PCT parent application.

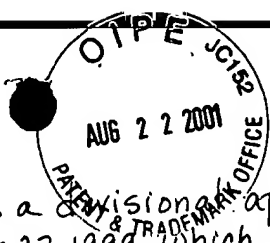
A marked up copy of this amendment is enclosed along with a request for a corrected filing receipt.

Respectfully submitted,

Naoaki KATAOKA et al.

By: Matthew Jacob
Matthew Jacob
Registration No. 25,154
Attorney for Applicants

MJ/pjm
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
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Version with Markings to
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This is a divisional application of Serial No. 09/355,891, filed October 22, 1999, which is a 371 of PCT/JP98/00363, filed February 7, 1999. January 29, 1998.

METHOD FOR PURIFYING MATTER CONTAMINATED WITH
HALOGENATED ORGANIC COMPOUNDS

FIELD OF THE INVENTION

5 The present invention relates to a method for purifying matter such as soil, sediment, sludge and water contaminated with halogenated organic compounds, particularly a chlorinated organic compound. The present invention particularly relates to a method for purifying
10 contaminated matter by reductive dehalogenation combining a chemical reaction with a biological reaction, thereby decomposing the halogenated organic compound.

RELATED ART

Recently, halogenated organic compounds such as
15 tetrachloroethylene, trichloroethylene, 1,1,1-trichloroethane, and dichloroethylene are wide used as a degreasing agent for electronic components and mechanical metal components and a cleaning agent for dry cleaning. Halogenated organic compounds are contaminants in soil and
20 ground water. These halogenated organic compounds do not readily decompose in the natural world and are hardly soluble in water, and therefore tend to accumulate in soil and to penetrate into ground water. Moreover, halogenated organic compounds are known to induce hepatic disorders and
25 cancer. Therefore, it is desirable to decompose halogenated organic compounds such as chlorinated organic compounds in soil and so on.

In these days, bioremediation has been receiving

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